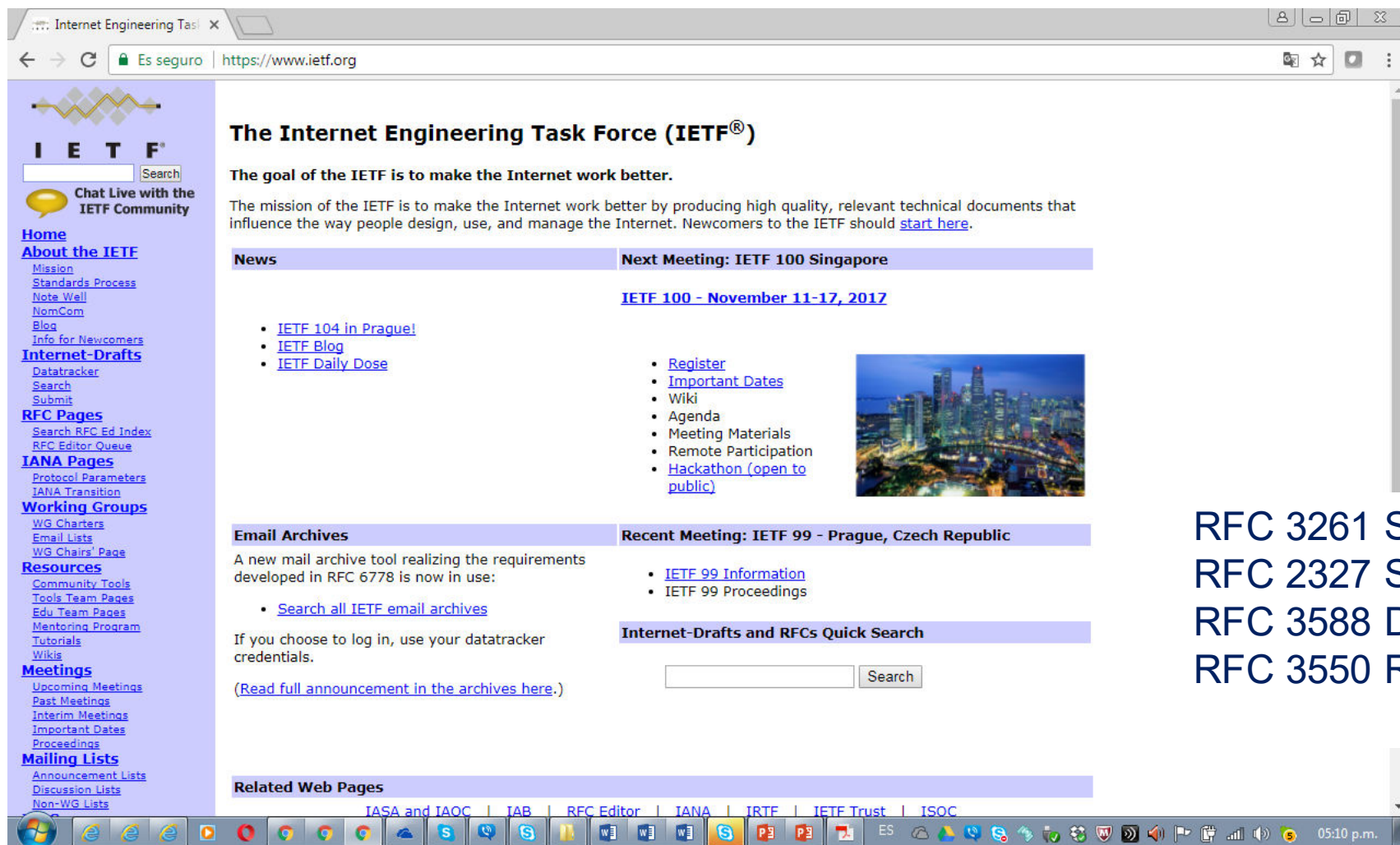


Specifications Bodies for IMS

IETF Internet Engineering Task Force Bodies



The screenshot shows the IETF website homepage in a browser window. The browser address bar shows 'https://www.ietf.org'. The page features a navigation sidebar on the left with categories like Home, About the IETF, Internet-Drafts, RFC Pages, IANA Pages, Working Groups, Resources, Meetings, and Mailing Lists. The main content area is titled 'The Internet Engineering Task Force (IETF®)' and includes a mission statement, news section, and meeting information. The news section highlights 'IETF 104 in Prague!' and 'IETF Daily Dose'. The meeting information section lists 'Next Meeting: IETF 100 Singapore' and 'Recent Meeting: IETF 99 - Prague, Czech Republic'. A search bar is visible at the bottom of the main content area.

The Internet Engineering Task Force (IETF®)

The goal of the IETF is to make the Internet work better.

The mission of the IETF is to make the Internet work better by producing high quality, relevant technical documents that influence the way people design, use, and manage the Internet. Newcomers to the IETF should [start here](#).

News


Next Meeting: IETF 100 Singapore

[IETF 100 - November 11-17, 2017](#)

- [IETF 104 in Prague!](#)
- [IETF Blog](#)
- [IETF Daily Dose](#)

[Register](#)

- [Important Dates](#)
- [Wiki](#)
- [Agenda](#)
- [Meeting Materials](#)
- [Remote Participation](#)
- [Hackathon \(open to public\)](#)



Email Archives

A new mail archive tool realizing the requirements developed in RFC 6778 is now in use:

- [IETF 99 Information](#)
- [IETF 99 Proceedings](#)

[Search all IETF email archives](#)

If you choose to log in, use your datatracker credentials.

Recent Meeting: IETF 99 - Prague, Czech Republic

Internet-Drafts and RFCs Quick Search

[\(Read full announcement in the archives here.\)](#)

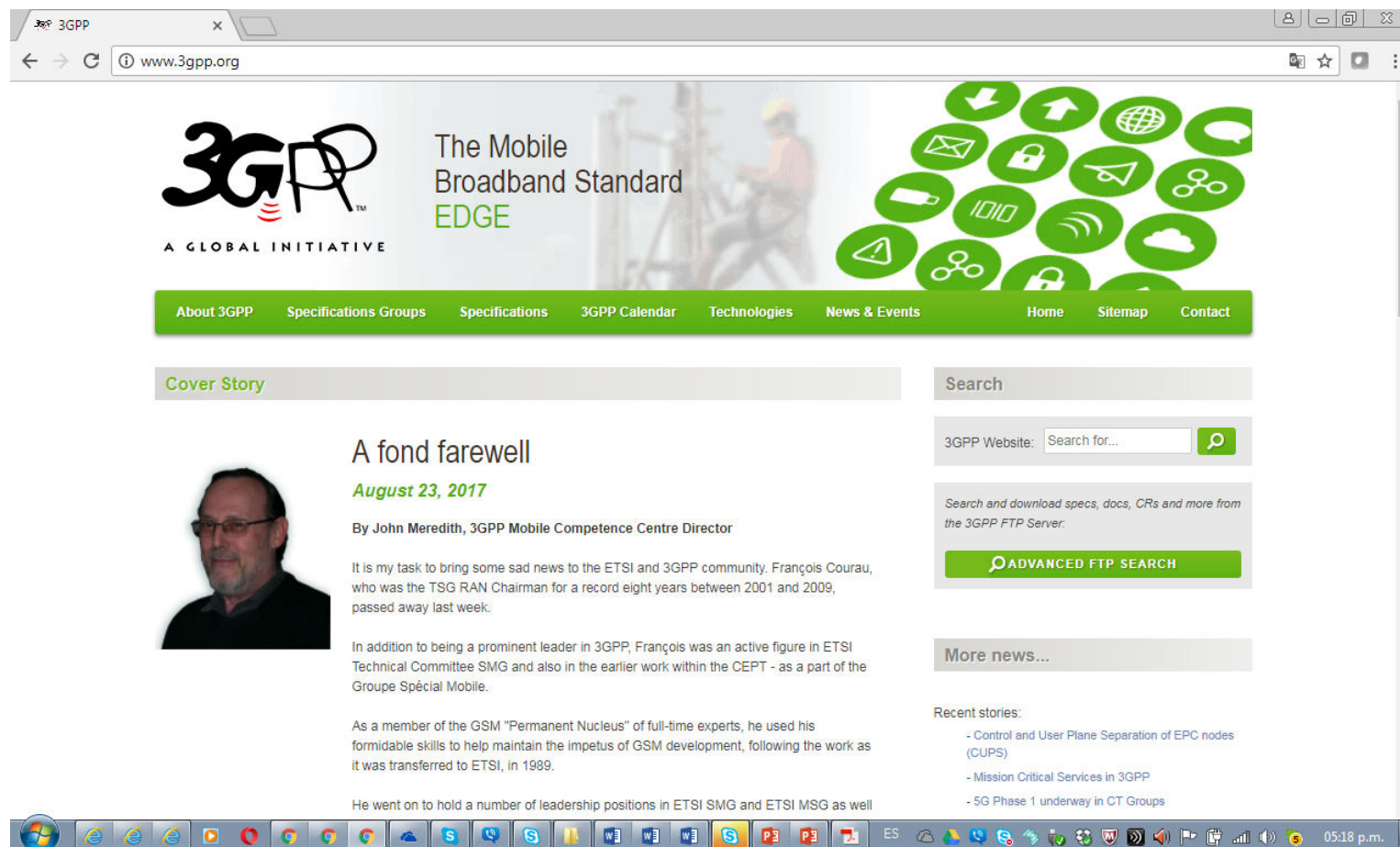
Related Web Pages

[IASA and IAOC](#) | [IAB](#) | [RFC Editor](#) | [IANA](#) | [IRTF](#) | [IETF Trust](#) | [ISOC](#)

RFC 3261 SIP
RFC 2327 SDP
RFC 3588 DIAM
RFC 3550 RTP

Specifications Bodies for IMS

3GPP (3rd Generation Partnership Program)



The screenshot shows the 3GPP website homepage. The browser address bar displays "www.3gpp.org". The main header features the 3GPP logo and the text "The Mobile Broadband Standard EDGE". A navigation menu includes links for "About 3GPP", "Specifications Groups", "Specifications", "3GPP Calendar", "Technologies", "News & Events", "Home", "Sitemap", and "Contact".

The "Cover Story" section highlights a news item titled "A fond farewell" dated "August 23, 2017" by John Meredith, 3GPP Mobile Competence Centre Director. The article text reads: "It is my task to bring some sad news to the ETSI and 3GPP community. François Courau, who was the TSG RAN Chairman for a record eight years between 2001 and 2009, passed away last week." It further notes that François was an active figure in ETSI Technical Committee SMG and CEPT. A "More news..." section lists recent stories: "Control and User Plane Separation of EPC nodes (CUPS)", "Mission Critical Services in 3GPP", and "5G Phase 1 underway in CT Groups".

The Windows taskbar at the bottom shows the time as 05:18 p.m. and various application icons.

The original scope of 3GPP was to produce Tech Spec and Tech Rep for a 3G Mobile System based on evolved GSM Core Networks and the radio Access Technologies that they supported.

Then it was amended, to include new Mobile Tech

Specifications Bodies for IMS

3GPP Specifications

Specification Numbering

All 3GPP specifications have a specification number consisting of 4 or 5 digits. (e.g. 09.02 or 29.002).

The first two digits define the series, followed by 2 further digits for the 01 to 13 series or 3 further digits for the 21 to 55 series.

The full title, specification number and latest version number for every specification can be found in the [current status list](#) (warning: large file!).

An automated [list of Specification numbers](#) - with the Title and details of the Specification Group responsible.

Subject of specification series	3G and beyond / GSM (R99 and later)	GSM only (Rel-4 and later)	GSM only (before Rel-4)
General information (long defunct)			00 series
Requirements	21 series	41 series	01 series
Service aspects ("stage 1")	22 series	42 series	02 series
Technical realization ("stage 2")	23 series	43 series	03 series
Signalling protocols ("stage 3") - user equipment to network	24 series	44 series	04 series
Radio aspects	25 series	45 series	05 series
CODECs	26 series	46 series	06 series
Data	27 series	47 series (none exists)	07 series
Signalling protocols ("stage 3") -(RSS-CN) and OAM&P and Charging (overflow from 32 - range)	28 series	48 series	08 series

Search

3GPP Website:

Search and download specs, docs, CRs and more from the 3GPP FTP Server.

More news...

Recent stories:

- Control and User Plane Separation of EPC nodes (CUPS)
- Mission Critical Services in 3GPP
- 5G Phase 1 underway in CT Groups
- 3GPP Initiates Common API Framework Study
- Riding the NB-IoT bicycle
- 5G Communication for Automation in Vertical Domains
- 5G-NR workplan for eMBB

News Feeds

OneDrive: sesión no iniciada

05:31 p.m.

TS 23.218 "IP Multimedia (IM) session handling; IM call model; stage 2"

TS 23.228 "IP Multimedia Subsystem (IMS); stage 2"

TS 24.218 "Signalling Flows for teh IP Multimedia Call Control Based on SIP and SDP; stage 3"

GSMA

gsma.com

Africa 2019

The Mobile Economy Sub-Saharan Africa

Intelligent Connectivity Report

Latest GSMA News

World's Leading Mobile Operators to Disclose Climate Impacts as Part of...

Monday September 16, 2019

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The GSMA tackles the world's most pressing challenges by bringing together the public and private sectors to transform lives through access to mobile innovation.

Convening the Industry

The GSMA produces industry leading events providing opportunities to network with executives from across the ecosystem.

INDUSTRY PROGRAMMES

Blockchain and Identity: a Regulatory Overview

INDUSTRY PROGRAMMES

Intelligent Connectivity

ADVOCACY INITIATIVES

Mobile Money State of the Industry

ADVOCACY INITIATIVES

Safety Privacy and Security in the mobile world

CONVENING THE INDUSTRY

Global AI Challenge

CONVENING THE INDUSTRY

MWCS19

Windows taskbar: 17:01

La Asociación GSM (abreviadamente GSMA) es una organización de operadores móviles y compañías relacionadas, dedicada al apoyo de la normalización, la implementación y promoción del sistema de telefonía móvil inicialmente GSM y que luego adoptó las nuevas generaciones así como otros dominios , entre los cuales destaca IMS

Specifications Bodies for IMS

ETSI

The screenshot shows the ETSI website homepage. At the top, there is a search bar and a 'Sign up for ETSI News!' button. Below the search bar is a navigation menu with links for 'Standards', 'Technologies & Clusters', 'Membership', 'News & Events', 'Committees & Portal', and 'About us'. The main content area features a large banner with the text 'DOWNLOAD NOW' and 'ETSI WORLD CLASS STANDARDS FOR FREE'. To the right of the banner is a list of standard categories: 'Most Popular Standards', 'Most Recent Standards', 'Harmonised Standards', 'Pre-defined Collections', 'WEBstore (DVDs)', 'Algorithms & Codes', and 'White Papers & Brochures'. Below the banner is a 'Search/Browse All Standards' button. At the bottom, there is a 'Latest News' section with four news items: 'ETSI releases test methods to improve QoS in the presence of background noise', 'ETSI Multi-access Edge Computing group releases a first package of APIs', 'First ETSI LTE Mission-Critical Push to Talk interoperability tests achieve 85% success rate', and 'Compliance with the new EU Radio Equipment Directive required from today'.

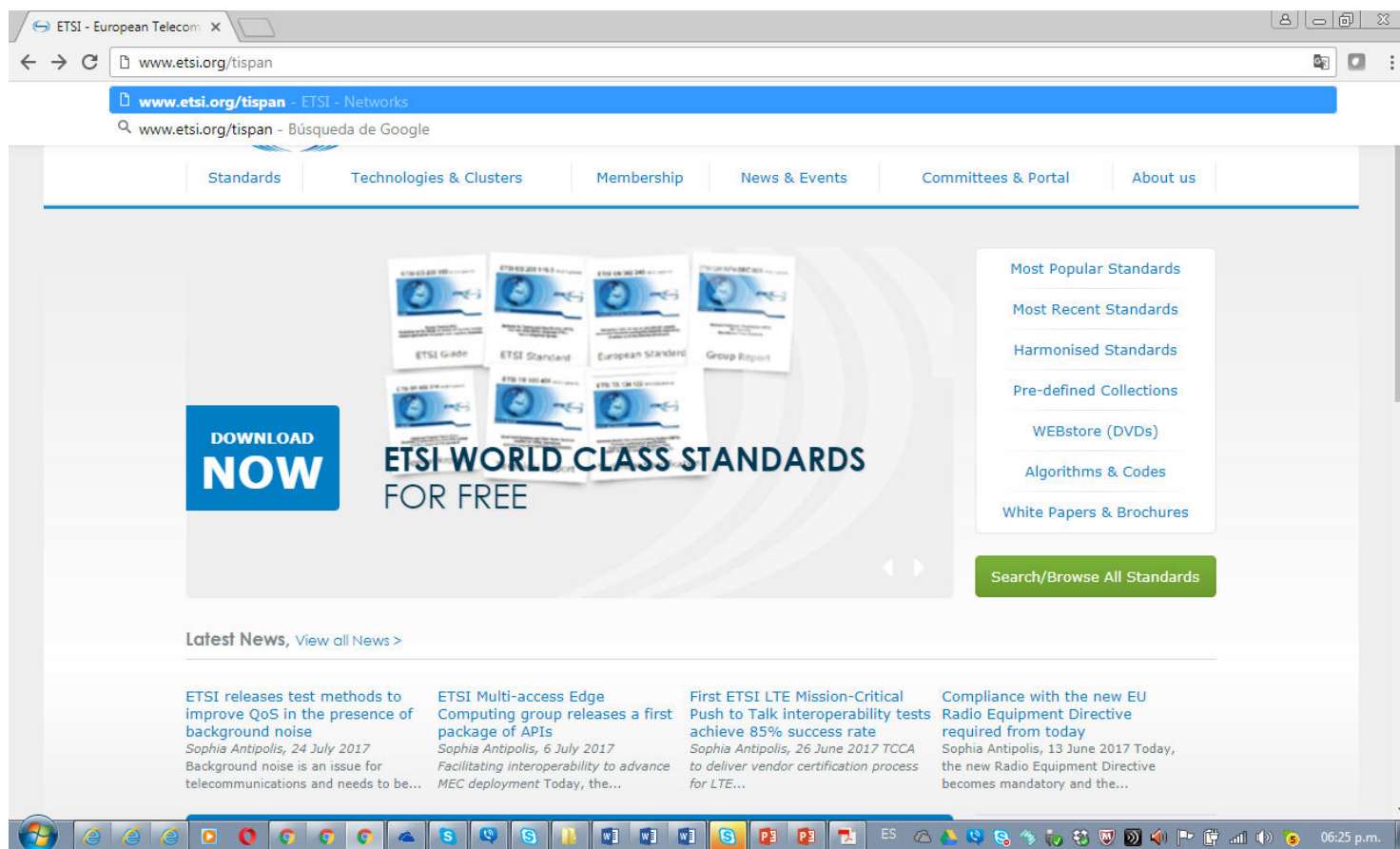
The European Telecommunications Standardizations Institute produce globally applicable Standards for Information and Communications Technologies (ICT), including fixed, Mobile, radio, converged, broadcast and Internet Technologies

ES 282 002: PSTN/ISDN Sub-sistema de emulación

Specifications Bodies for IMS

TISPAN

Key
Standard body
For NGN



The screenshot shows the ETSI TISPAN website. The browser address bar displays 'www.etsi.org/tispan'. The website header includes navigation links: Standards, Technologies & Clusters, Membership, News & Events, Committees & Portal, and About us. The main content area features a large banner with a blue 'DOWNLOAD NOW' button and the text 'ETSI WORLD CLASS STANDARDS FOR FREE'. Below the banner, there is a 'Latest News' section with four news items:

- ETSI releases test methods to improve QoS in the presence of background noise
Sophia Antipolis, 24 July 2017
Background noise is an issue for telecommunications and needs to be...
- ETSI Multi-access Edge Computing group releases a first package of APIs
Sophia Antipolis, 6 July 2017
Facilitating interoperability to advance MEC deployment Today, the...
- First ETSI LTE Mission-Critical Push to Talk interoperability tests achieve 85% success rate
Sophia Antipolis, 26 June 2017 TCCA
to deliver vendor certification process for LTE...
- Compliance with the new EU Radio Equipment Directive required from today
Sophia Antipolis, 13 June 2017 Today,
the new Radio Equipment Directive becomes mandatory and the...

The Windows taskbar at the bottom shows the time as 06:25 p.m.

The Telecommunication and Internet Converged Services and Protocols for Advanced Networks (TISPAN) es un organismo de estandarización, perteneciente al ETSI (European Telecommunications Standards Institute), cuyo objetivo es establecer la convergencia de redes basadas En conmutación de circuitos con redes basadas en conmutación de paquetes es decir, que redes fijas y móviles formen parte de una misma red. En concreto, TISPAN abarca los aspectos relacionados con los servicios, arquitectura y protocolos, estudios de calidad de servicio, seguridad y movilidad en las redes fijas mediante el uso de distintas tecnologías,

Specifications Bodies for IMS

ITU-T



Sector de Radiocomunicación: X

www.itu.int/es/ITU-R/Pages/default.aspx

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SDGs

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Acerca Eventos Bases de datos y e-servicios Publicaciones Espacio Terrestre Comisiones de Estudio Presencia regional Miembro UIT-R

Sector de Radiocomunicaciones (UIT-R)

ESTÁ USTED AQUÍ > PAGINA PRINCIPAL > UIT-R

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2da reunión regional sobre las bandas VHF/UHF

2da Reunión Regional de Coordinación de Frecuencias de la UIT sobre la utilización de las bandas en ondas métricas y decimétricas

28.08 - 1.09 DE 2017 CIUDAD DE GUATEMALA, GUATEMALA

REUNIÓN REGIONAL DE COORDINACIÓN DE FRECUENCIAS
Sobre la utilización de las bandas en ondas métricas y decimétricas
28 de agosto - 1 de septiembre de 2017
Ciudad de Guatemala, Guatemala

Entities Highlights Free Resources FAQs

- Conferencias Mundiales de Radiocomunicaciones (CMR)
- Asambleas de Radiocomunicaciones (AR)
- Conferencias Regionales de Radiocomunicaciones (CRR)
- Junta del Reglamento de Radiocomunicaciones (RRB)
- Comisiones de Estudio de Radiocomunicaciones
- Grupo Asesor de Radiocomunicaciones (GAR)

www.itu.int/es/sustainable-world/Pages/default.aspx

Servicios terrenales

ES 06:29 p.m.

The most influential representatives of government and the telecommunication Industry. Mainly protocols and related used by IMS such as H.248, E.164, G.711.

Specifications Bodies for IMS

OMA (Open Mobile Alliance)

Open Mobile Alliance M: x

openmobilealliance.org

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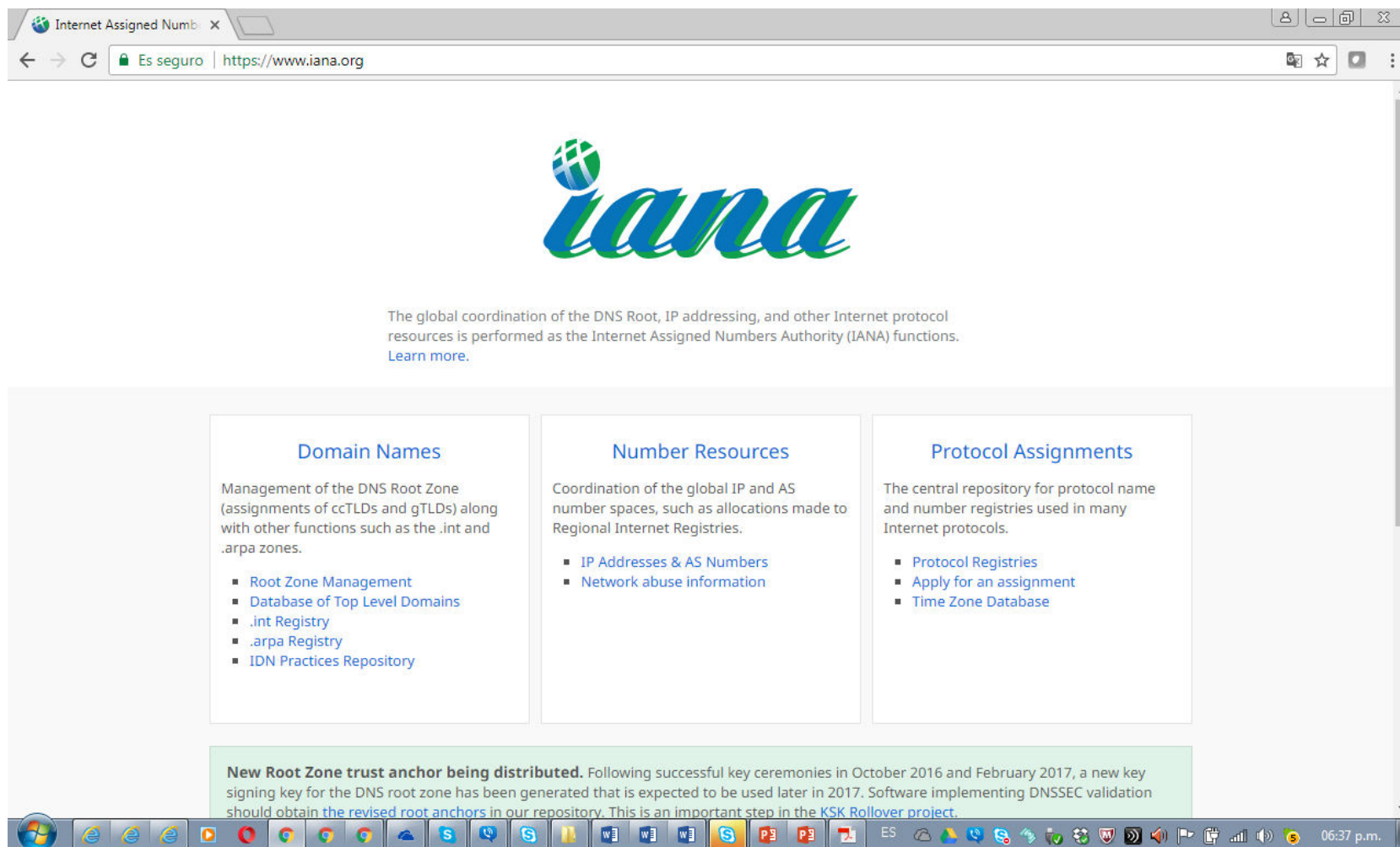
OPEN MOBILE ALLIANCE OMA IN THE NEWS CONTACT THE OMA TO LEARN MORE

ES 06:33 p.m.

OMA is the leading industry forum for developing market driven, interoperable mobile service enablers

Specifications Bodies for IMS

IANA (Internet Assigned Numbers Authority)



The screenshot shows a web browser window with the address bar displaying "https://www.iana.org". The page features the IANA logo, which consists of a stylized globe icon above the word "iana" in a blue, cursive font. Below the logo, a paragraph states: "The global coordination of the DNS Root, IP addressing, and other Internet protocol resources is performed as the Internet Assigned Numbers Authority (IANA) functions. [Learn more.](#)"

The main content area is divided into three columns:

- Domain Names:** Management of the DNS Root Zone (assignments of ccTLDs and gTLDs) along with other functions such as the .int and .arpa zones.
 - [Root Zone Management](#)
 - [Database of Top Level Domains](#)
 - [.int Registry](#)
 - [.arpa Registry](#)
 - [IDN Practices Repository](#)
- Number Resources:** Coordination of the global IP and AS number spaces, such as allocations made to Regional Internet Registries.
 - [IP Addresses & AS Numbers](#)
 - [Network abuse information](#)
- Protocol Assignments:** The central repository for protocol name and number registries used in many Internet protocols.
 - [Protocol Registries](#)
 - [Apply for an assignment](#)
 - [Time Zone Database](#)

A green banner at the bottom of the page contains the following text: "New Root Zone trust anchor being distributed. Following successful key ceremonies in October 2016 and February 2017, a new key signing key for the DNS root zone has been generated that is expected to be used later in 2017. Software implementing DNSSEC validation should obtain the [revised root anchors](#) in our repository. This is an important step in the [KSK Rollover project](#)."

The Windows taskbar at the bottom shows various application icons and the system clock displaying "06:37 p.m.".

The Internet Assigned Numbers Authority is responsible for IP assignment and for the global coordination of DNS root

What about RCS?

The screenshot shows a web browser window with the following elements:

- Browser Tabs:** "Correo - jose.pellegrino", "3GPP TS 33.203", "RCS, el WhatsApp de Google y los operadores, uno de los grandes ausentes del I/O".
- Address Bar:** "Es seguro | <https://www.xatakamovil.com/aplicaciones/rcs-el-whatsapp-de-google-y-los-operadores-uno-de-los-grandes-ausentes-del-i-o>".
- Article Title:** "RCS, el WhatsApp de Google y los operadores, uno de los grandes ausentes del I/O".
- Article Content:** Three smartphone screens illustrating RCS features:
 - Screen 1 (Left):** A contact list in a "Messenger" app. Contacts include Andrew Rowny, Birthday Party Planning, Francisco, Shri Borde, Tim Schwerdtner, and Anna Peraino.
 - Screen 2 (Middle):** A "New message" screen showing "Top contacts" (Hillary Lind..., Natalie, Melinda M, Andrew Ro..., Francisco, Shri Borde, Tigran Tert..., Su Fu) and other contacts like Andre Anderson and Andrew Rowny.
 - Screen 3 (Right):** A group chat titled "Birthday Party Planning" with messages like "How does Saturday at 8 sound?", "OoOo sounds great!", "Count me in!", "YES! I'll buy the decorations", and "Don't forget cake".
- Footer:** "Usamos cookies para personalizar su experiencia. Si sigue navegando estará aceptando su uso. [Más información](#)".
- Taskbar:** Shows various application icons and the system clock at "04:24 p.m.".

<https://www.xatakamovil.com/aplicaciones/rcs-el-whatsapp-de-google-y-los-operadores-uno-de-los-grandes-ausentes-del-i-o>